

# **SMARTBUFFERS**

## Sodium Acetate Buffer, pH 7.0 and pH 5.2



#### Features

- · Formulated from analytical grade reagents
- Choice of two different pH
- Exactly pre-weighed powder in pouches
- Protected from contamination
- Simply add water

#### **Product description**

Sodium acetate buffer is widely used in molecular and microbiology laboratories for nucleic acid purification. Medicago's Sodium Acetate Buffer is supplied as an exactly preweighed powder mix in pouches giving 1000 ml of 3.0 M sodium acetate buffer with pH 5.2 or 7.0 at 25°C.

#### Applications

• Nucleic acid purification

#### **Directions for use**

Empty one pouch of the Sodium acetate buffer in a laboratory flask or beaker placed on a magnetic stirrer. Add 300 ml of deionized water and stir the solution for a few minutes. Adjust the volume up to 1000 ml, stir and the buffer solution is ready to use.

#### Shipping and storage

Sodium acetate buffer is shipped at room temperature. Store the pouches in a dry place at room temperature. Shelf life is three years. Stock solutions can be stored at room temperature or 2°C to 8°C for 2 months.

#### **Specifications**

Chemicals	Analytical grade	
Format	Exactly pre-weighed powder mix	
Concentration	3.0 M Sodium Acetate	
Volume	1000 ml	
рН	5.2 ± 0.05 at 25°C	
	7.0 ± 0.05 at 25°C	
Shelf life	Three years after production date	

#### Tips and hints

If the contents of the pouch is not properly dissolved, make sure:

- the water temperature is 25°C (do not exceed this temperature)
- the buffer solution is properly stirred.

Sterilization can be performed by filtration. Filtrate the buffer solution through a 0.22  $\mu$ m filter into a sterile flask. Keep the buffer solution at +4°C.

#### Certifications

Medicago's laboratories and manufacturing site in Uppsala are ISO 9001:2008 and ISO 13485:2003 certified. Each stage of the manufacturing process is controlled and monitored by stringent quality control procedures to guarantee the highest possible quality and lot-to-lot reproducibility.



### **Ordering information**

Article no.	Product name	Pack size	Solution vol.
12-9188-5	Sodium Acetate buffer pH 7.0	5 pouches	1000 ml/pouch
12-9187-5	Sodium Acetate buffer pH 5.2	5 pouches	1000 ml/pouch

Medicago AB Uppsala, Sweden Phone +46 18 56 11 80 www.medicago.se

